



1639/p

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Shair *et al.* Examiner: Tran, M. C. T.  
Serial No.: 10/091,240 Art Unit: 1639  
Filed: March 5, 2002  
For: SYSTEM FOR DETECTING REPORTER GENE EXPRESSION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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**RESPONSE TO RESTRICTION/ELECTION REQUIREMENT**

Responsive to the Restriction Requirement mailed April 21, 2003 (Paper Number 4), Applicant respectfully elects Group II (claims 2-33, drawn to a method of identifying a test compound, classified in class 435, subclass 4). Given the election of Group II, Applicant further elects the species: small molecule as the test compound (claim 10); 2,3-diaminonaphthalene (DAN) as the molecular sensor (claim 7); inert halogenated compound as the decoding tag; nitric oxide synthase as the inducible reporter gene (claim 30); nitric oxide as the chemical compound (claim 20), yeast as the cells (claim 26), and solid phase resin beads (*e.g.*, aminomethyl-TENTAGEL resin) as the solid support.

Applicant thanks the Examiner for careful consideration of this case. Please charge any fees that may be associated with this matter, or credit any overpayments, to our Deposit Account No. 03-1721.

Respectfully submitted,

C. Hunter Baker, M.D., Ph.D.  
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Date: June 20, 2003  
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